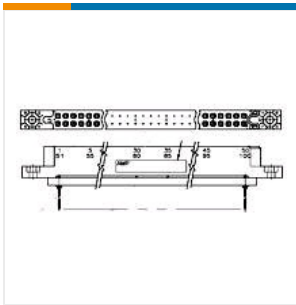




MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

2 ROW BOX RECP 100 POS 100 C/L

AMP | CL , L

530781-8

TE Internal Number: 530781-8

Mil-Spec: M55302/27-170

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Receptacle**

Centerline **2.54 mm [.1 in]**

Number of Positions **100**

PCB Mounting Orientation **Vertical**

Product Drawings

[BOX CONNECTOR, RECEPTACLE ASSY., .100 GRID EXTERNAL KEYING](#)

PDF (**TIFF AVAILABLE**)
English

[BOX CONNECTOR, RECEPTACLE ASSY., .100 GRID EXTERNAL KEYING](#)

PDF (**TIFF AVAILABLE**)
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Product Specifications

Application Specification

[Box Header Assemblies And Receptacle Connectors With Contacts On 1.90 Mm \[.075 In\] And 2.54 Mm \[.100 In.\] Centerlines](#)

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Applies To

Printed Circuit Board

Connector Style

Receptacle

	PCB Mounting Orientation	Vertical
	Connector Type	Connector Assembly
	Row-to-Row Spacing (in)	.1
	Stabilizers	Without
	Strain Relief	Without
	Board Standoff	Without
	Product Type	Connector
	Gasket	Without
	Sealed	No
Configuration Features	Number of Positions	100
	Number of Rows	2
	Staggered Rows	No
	Keyed	Yes
	Selectively Loaded	No
Body Features	Color	Blue
	Post Size	.56 x .69 mm [.022 x .027 in]
	Post Styles	Wrap-Type
Contact Features	Contact Protection	Without
	Contact Shape	Square
	Contact Type	Socket
	Contact Base Material	Beryllium Copper
	Contact Mating Area Plating Thickness (µin)	50
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Mating Area Plating Material	Gold
Termination Features	Termination Method to Wire/Cable	Wrap-Type
	Termination Post Length	10.29 mm [.405 in]
	Termination End Plating Thickness (µin)	100
	Termination End Plating Material	Tin-Lead
	Termination Method to PC Board	Through Hole
	Terminations per Post	1 High
Mechanical Attachment	PCB Mounting Style	Through Hole

	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Mating Alignment	With
	Mating Connector Lock	Without
	Mating Alignment Type	Polarization
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Color	Blue
	Housing Material	Diallyl Phthalate
Dimensions	PCB Thickness (Recommended)	1.5 – 2.63 mm [.059 – .103 in]
Operation/Application	For Use With	Header
Packaging Features	Packaging Quantity	1
	Packaging Method	Package
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	